AMENDMENTS TO THE SPECIFICATION:

Before the first paragraph on page 1, replace the heading with the following new headings:

~~--1 Specification of Field~~

BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION--.

Before the second paragraph on page 1, replace the heading with the following new headings:

~~--2 Prior Art~~

DESCRIPTION OF THE RELATED ART

PRIOR ART--.

Before the first paragraph on page 2, rewrite the heading as followings:

--~~2.1~~ [[-]] The Geometrically-Controlled Network--.

Before the fourth paragraph on page 2, rewrite the heading as follows:

--~~2.2~~ [[-]] The Electronically-Controlled ~~Network~~ Array--.

Please replace the paragraph beginning at page 2, line 21, with the following rewritten paragraph:

--To generate the desired wave front, a network, i.e., array, of traditional loudspeakers and classic filtering techniques obtained from radars can also be used. Figure 3 illustrates the principle of using delays (31), labeled R_n in the figure, linked to loudspeakers (34) via filters (32) and power amplifiers (33) to approach the desired wave front (35). Thus,

for example, a linear and regular network of loudspeakers spaced at an indicated distance has generated a wave front oriented along the direction φ when the following is chosen: $R_n = (n-1).a/c/\sin(\varphi)$, c being the speed of sound, n being the loudspeaker index. Suitable use of filters (32) allows minimization of frequency variations of the structure of the radiated acoustic field. Patent WO 03034780 describes a system of this type. Unfortunately, the fact of using a limited number of loudspeakers (a network that is discrete and not continuous) induces secondary lobes of major amplitude that degrade the acoustic quality. These secondary lobes are of amplitudes that are all the greater provided that the direction of the main lobe deviates from the normal to the network.--

On page 4, before the third paragraph, rewrite the heading as follows:

--[[3-]] ~~Disclosure of the Invention~~ SUMMARY OF THE INVENTION--.

On page 6, before the paragraph beginning at line 1, insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS FIGURES--.

On page 6, before the paragraph beginning at line 17, insert the following heading:

--DETAILED DESCRIPTION--.

On page 8, replace the paragraph beginning at line 20 with the following rewritten paragraph:

--The length of the network, i.e., array, is a major parameter of the invention, as for all other types of networks, i.e., arrays. The larger it is, the larger the zone that the network allows to be covered and the better the uniformity of the coverage at low frequencies.--